

**ABSTRACT**  
**For**  
**TRACING IN MOBILE COMMUNICATIONS SYSTEM**

A tracing facility is used for tracing the activities of various entities in the network when specific events occur within the system. The problem with prior art tracing is that activation as well as deactivation of this facility is done manually at the switching center by the operator. Therefore, it is loading network management and making the use of tracing facility difficult. The invention relates to a method of trace activation in a mobile communication system. It is characteristic for the method that a mobile station (MS) directs a communication to a predefined trace activation number and tracing is activated for the communicating mobile station (MS).

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